UNION CARBIDE CORPORATION

METALS DIVISION

PO BOX 579 4625 ROYAL AVE NIAGARA FALLS NEW YORK 14302

To (Name)

Mr. R. G. DeHollander Metals Division

Date

March 6, 1984

Division Location Grand Junction, CO

Originating Deut

TECHNOLOGY

Acea

Niagara Falls, NY

Copy to

Mr. W C Thurber

Subject

Niagara Licenses

Attached is a listing of Source Materials covered by our Radioactive Materials License.

In addition, we have a Department Agriculture Permit to move soil (receive ore samples), Permit No S-791, which expires on August 31, 1988.

This information is as per your request for the attention of "Newco".

/mau

Attachments

	WE OF ACRICILITY	IRE	INSTRUCTION	S TO APPLICA	ANT Complete Iten	ns DO NOT USE
U S DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE			1 thru 21 Use reverse for continuation if needed REV. 5-191			
APPLICATION AND PERMIT TO MOVE SOIL			1 NAME AND ADDRESS OF APPLICANT (Include ZIP Code)			
FORWARD THIS APPLICATION TO			R. J. Klo		. 1	
U S Department of A Animal and Plant Heal	Agriculture		Director	of Techno	ology Matala Div	icion
Plant Protection and C	Quarantine (PPQ)		Mineral	roducts -	Metals Div	1510H 25 Royal Avenue
Federal Building			Union Carbide Corporation, 4625 Royal Avenue P.O. Box 579, Niagara Falls, NY 14302			
Hyattsville, Maryland	·		P.U. BOX	5 APPROX	→ WILL MEATS	TERILIZATION OF SOIL
2 TYPE OF SOIL	3 COUNTRY OF ORIGIN	4 DEPTH TAKEN FROM SURFACE	OF SAMPLES	WEIGHT OF EACH	(before its release ITS INTENDED U	to you) INTERFERE,WITH ISE?
Crushed) ——	heck preferred treatment)
A rock samples	Various				☐ Dry	
	Foreign Countries				the Head of t	tem 19 must be signed by the Laboratory receiving the
В	Countries				soil)	
c						
8 NUMBER OF SHIPPING CO	NTAINERS	9 METHOD OF	PACKAGING SO	14	·	
Various						
10 METHOD OF SHIPMENT		11 SHIPPED BY				13 DATE OF ARRIVAL
Maul Cargo	Baggage	X Air	X Surface	New Yo		Various
14 DESTINATION WHERE SO Union Carbide Corp.	MOTOLE NEW	(City & State)	15 ARE OTH			ATED WITHIN THE NEXT
				X Yes	No	
16 IS SOIL TO BE USED AS G	SROWING MEDIUM		,	المستمارين	tost	
Yes X No (If NO	O, state intended use)		oles for as	say and		
17 PRECAUTIONS TO BE US	ED TO PREVENT P	LANT PEST DISSE	MINATION			
Our first treat		260°F	will ster	ilize		
Our TIPSE TREAT	ment oven u	ng incineration or	other)			
		ng memeranon or	51 ,			-
Approved dispos	Sal Sites	horatory Head	20 TELEPHO	NE NUMBER	21 DATE / /	
19 SIGNATURE OF APPLICANT OF AGENT (Laboratory Head sign 12 you checked YES in item?)			(716) 278-3157			8/2/83
			1 (//0/ =	10 3121		
/s/ Robert J. Klotz	zBach					
/s/ Robert J. Kiotz		RE COMPLETED BY			CIAL	
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PPO FORM 525



INTERNAL CORRESPONDENCE -

METALS DIVISION

PO BOX 579 4625 ROYAL AVE , NIAGARA FALLS, NEW YORK 14302

To (Name) Division ALL EXPLORATION OFFICES

(FOREIGN AND DOMESTIC)

Date

November 3, 1980

Originating Dept

MINERALS TECHNOLOGY

Answering letter date

Copy to

Location

Messrs. T. F. Ahearn

B. T. Hone

O. J. Malacarne

D. L. Mathias

D. G. Millenbruch

D. R. Sutphen

Mrs. C. J. Bates

Subject

Dept. of Agriculture Permit S-791 8/15/80 - 8/31/83 - Soil Samples

Our Department of Agriculture Permit to import foreign or domestically transfer soil samples has been renewed effective August 15, 1980, and expiring August 31, 1983. The permit number is S-791.

The Port of Arrival for all foreign samples is New York. All samples and containers should be marked on the label with the Permit Number and the expiration date. All shipments are to be sent to R. J. Klotzbach, Director, Union Carbide Corporation, Metals Division, Mineral Products Technology, P. O. Box 579, 4625 Royal Avenue, Niagara Falls, New York 14302. Telephone number 716-278-3423. All foreign samples sent through JFK should also include the notation, "ATTENTION UCC CUSTOMS IMPORT DEPARTMENT." All samples must be in sturdy leak-proof containers.

Our handling of the samples and our contacts with customs would be expedited if each shipper would notify us in advance by telephone or letter. The contact at Niagara Falls is Mrs. Clare Bates, 716-278-3423.

Helpful information would be

- 1. Shipping point and sample origin
- 2. Total weight
- 3. Number of packages or drums
- 4. Date of shipment (approximate will suffice)

Mrs. Bates will be the sample person handling the disposition of domestic samples and will be our primary contact with UCC International Distribution for all foreign samples arriving at JFK airport. Please help us service your samples.

RJK:cjb

FOREIGN LOCATIONS

- Mr. B. W. Hawkins Australia
- Mr. Peter D. Danchin South Africa
- Mr. Alen Wolstencroft Tanzanıa
- Mr. Nigel G. Cawthorn England
- Dr. Peter Cotterill Zimbabwe

DOMESTIC LOCATIONS

- Mr. G. L Schierman Alamo, Nevada
- Mr. J. E. Straka Albuquerque, New Mexico
- Mr. R. H. Von Holdt Casper, Wyoming
- Mr. J. S. Hollingsworth Grand Junction, Colorado
- Mr. F. L. Dedrickson Hot Springs, Arkansas
- Dr. W. B. DeAtley King City, California
- Mr. E. E. Nelson Missoula, Montana
- Mr. A. Lopez Reno, Nevada
- Mr. D. L. Beahm Riverton, Wyoming
- Mr. R. L. Nylund Uravan, Colorado

Canada

- Mr. Miles H. Russell Edmonton, Alberta
- Mr. J. J. Royall Vancouver, British Columbia

UCC_Technology -- Radioactive -- Material-s-and-License; X=ray_Producing Equipment (and Registration)

Source Material and License

Licensee Union Carbide Corp., Metals Div. 4625 Royal Ave.

Niagara Falls, NY 4302

Radioactive Materials License Number 210-0090, Reference No. 2, with 10 amendments.

Issued By New York State Department of Labor, Division of Safety and Health

Source Materials Covered by License

Sealed Source		Purpose Quantit		ntity	Present Location		ation		
Cs 137	Flo	at Indica	ator	50	mC i	Stack Fu	rnace,	Bldg.	169
Cs 137	11	11		50	mC i	Storage,	Bldg.	143	
Cd 109	Port.	Isotope	Analyzer	3	mC i	Cabinet,	Bldg.	166	
Fe 55	11	11	11	20	mC i	11	11	н	
Pu 238	11	11	11	30	mC i	11	11	11	
Co 57	11	11	11	3	mC i	H	11	41	

Other unlicensed source materials:

- 1. Various radium sources, which cropped up during H. J. O'Hear's tenure, stored in Lab. 357, Bldg. 94.
- 2. Thorium oxide.

Note: $U_3^{0}_8$ as ore, tailings, and concentrate assumedly is covered by a general license, and gets shipped back to source of origin. No present accounting of on-site $U_3^{0}_8$ exists.

Number of persons exposed to source materials: 0. All sources are in storage.

Equipment and Registration

Registrant: New York State Dept. of Labor, Division of Safety and Health Registration No. L-0090

(OVER)

UCC owned and operated X-ray equipment

Number	Description	No. of workers Exposed
2	50 kv, 35 ma Philips Electronics Inc., Manual	2
	Powder X-ray Diffractomer	
Note	Attached is a list of Elkem owned and operated X-ray equi	pment, which
	at this time remains registered to UCC.	

D. R Brosnahan 5∕16/83